



PTO/SB/08A (10-01)  
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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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### Complete if Known

Application Number	10/775,983
Filing Date	February 10, 2004
First Named Inventor	Timothy P. Meier
Art Unit	2876
Examiner Name	Ahshik Kim
Attorney Docket Number	283-400.01

## U.S. PATENT DOCUMENTS

Examiner	Cite No. <sup>1</sup>	Document Number Number Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
AL	AA	US-Patent Application No. 10/982,393, Filed November 5, 2004. Attorney Docket No.: 283 438.	Filed November 5, 2004	Biss et al.	
	AB	US-Patent Application No. 10/938,418, Filed September 10, 2004. Attorney Docket No. 283 419.	Filed September 10, 2004	Fitch et al.	
	AC	US-Patent Application No. 11/238,176, filed September 28, 2005. Attorney Docket No. 283 280 Con.	Filed September 28, 2005	Charles P. Barber et al.	
	AD	US-3,582,884	06-08-1971	Shepard	
	AE	US-3,663,762	05-16-1972	Joel, Jr.	
	AF	US-3,684,868	08-15-1972	Christie et al.	
	AG	US-3,723,970	03-27-1993	Stoller	
	AH	US-3,906,166	09-16-1975	Cooper et al.	
	AI	US-4,004,237	01-18-1977	Kratzer	
	AJ	US-4,041,391	08-09-1977	Deerkoski	
	AK	US-4,097,847	06-27-1978	Forsen et al.	
	AL	US-4,114,155	09-12-1978	Raab	
	AM	US-4,164,628	08-14-1979	Ward et al.	
	AN	US-4,210,802	07-01-1980	Sakai	
	AO	US-4,291,410	09-22-1981	Caples et al.	
	AP	US-4,315,245	02-09-1982	Nakahara et al.	
	AQ	US-4,435,822	03-06-1984	Spencer et al.	
	AR	US-4,445,118	04-24-1984	Taylor et al.	
	AS	US-4,488,678	12-18-1984	Hara et al.	
	AT	US-4,488,678	12-18-1984	Bockholt et al.	
	AU	US-4,500,776	02-19-1985	Laser	
	AV	US-4,538,060	08-27-1985	Sakai et al.	
	AW	US-4,542,528	09-17-1985	Sanner et al.	
	AX	US-4,581,089	12-24-1985	Rouse et al.	
	AY	US-4,570,057	02-11-1986	Chadima, Jr. et al.	
	AZ	US-4,610,359	09-09-1986	Muller	
	BA	US-4,628,532	12-09-1986	Stone et al.	
	BB	US-4,636,624	01-13-1987	Ishida et al.	
	BC	US-4,639,932	01-27-1987	Schiff	
AL	BD	US-4,644,523	02-17-1987	Horwitz	

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Sheet **2** of **8**

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		Number	Kind Code <sup>2</sup> (if known)			
ML	BE	US-4,648,353		02-24-1987	Tenge et al.	
	BF	US-4,653,078		03-24-1987	Jerrim et al.	
	BG	US-4,686,363		08-11-1987	Schoon	
	BH	US-4,690,530		09-01-1987	Fujino et al.	
	BI	US-4,710,817		12-01-1987	Ando	
	BJ	US-4,785,483		11-15-1988	Janc et al.	
	BK	US-4,791,446		12-13-1988	Ishida et al.	
	BL	US-4,794,239		12-27-1988	Allais	
	BM	US-4,807,258		02-21-1989	Holmes et al.	
	BN	US-4,818,856		04-04-1989	Matsushima et al.	
	BO	US-4,841,544		08-20-1989	Nuytkens	
	BP	US-4,874,936		10-17-1989	Chandler et al.	
	BQ	US-4,877,949		10-31-1988	Danielson et al.	
	BR	US-4,898,029		01-23-1990	Chandler et al.	
	BS	US-4,901,073		02-13-1990	Kibrick	
	BT	US-4,908,500		03-13-1990	Baumberger	
	BU	US-4,942,474		07-17-1990	Akimoto et al.	
	BV	US-4,998,010		03-05-1991	Chandler et al.	
	BW	US-5,019,699		05-28-1991	Koenck	
	BX	US-5,113,445		05-12-1992	Wang	
	BY	US-5,138,140		08-11-1992	Slerniatkowski et al.	
	BZ	US-5,153,418		10-05-1992	Batterman et al.	
	CA	US-5,153,421		10-08-1992	Tandon et al.	
	CB	US-5,189,292		02-23-1993	Batterman et al.	
	CC	US-5,212,777		05-18-1993	Gove et al.	
	CD	US-5,223,701		06-29-1993	Batterman et al.	
	CE	US-5,235,187		08-10-1993	Dvorkis et al.	
	CF	US-5,245,695		09-14-1993	Basehore	
	CG	US-5,262,871		11-16-1993	Wilder et al.	
	CH	US-5,272,323		12-21-1993	Martino	
	CI	US-5,286,980		02-15-1994	Longacre, Jr. et al.	
	CJ	US-5,294,783		03-15-1994	Hammond, Jr. et al.	
	CK	US-5,304,788		04-19-1994	Pavlidis et al.	
	CL	US-5,304,787		04-19-1994	Wang	
	CM	US-5,311,001		05-10-1994	Joseph et al.	
ML	CN	US-5,318,185		08-07-1994	Obata	

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		Number Kind Code <sup>2</sup> (if known)			
MC	CO	US-5,331,176	06-19-1994	Sant' Anselmo et al.	
	CP	US-5,343,028	08-30-1994	Figarella et al.	
	CQ	US-5,345,266	09-06-1994	Denyer	
	CR	US-5,354,977	10-11-1994	Roustaei	
	CS	US-5,378,881	01-03-1995	Adachi	
	CT	US-5,378,883	01-03-1995	Batterman et al.	
	CU	US-5,392,447	02-21-1995	Schlack et al.	
	CV	US-5,398,054	03-07-1995	Krichever et al.	
	CW	US-5,401,949	03-28-1995	Ziemack et al.	
	CX	US-5,412,197	05-02-1995	Smith	
	CY	US-5,414,251	05-09-1995	Durbin	
	CZ	US-5,418,862	05-23-1995	Zheng et al.	
	DA	US-5,420,409	05-30-1995	Longacre, Jr. et al.	
	DB	US-5,422,470	06-06-1995	Kubo	
	DC	US-5,428,211	06-27-1995	Zheng et al.	
	DD	US-5,430,286	07-04-1995	Hammond, Jr. et al.	
	DE	US-5,430,472	07-04-1995	Curry	
	DF	US-5,448,271	08-29-1995	Cherry et al.	
	DG	US-5,461,425	10-24-1995	Fowler et al.	
	DH	US-5,463,214	10-31-1995	Longacre Jr. et al.	
	DI	US-5,471,515	11-28-1995	Fossum et al.	
	DJ	US-5,471,592	11-28-1995	Gove et al.	
	DK	US-5,477,042	12-19-1995	Wang	
	DL	US-5,478,997	12-28-1995	Bridgell et al.	
	DM	US-5,478,999	12-28-1995	Figarella et al.	
	DN	US-5,479,515	12-28-1995	Longacre Jr.	
	DO	US-5,487,115	01-23-1996	Surka	
	DP	US-5,489,769	02-08-1996	Kubo	
	DQ	US-5,504,524	04-02-1996	Lu et al.	
	DR	US-5,512,739	04-30-1996	Chandler et al.	
	DS	US-5,521,366	05-28-1996	Wang et al.	
	DT	US-5,524,068	06-04-1996	Kacandes et al.	
	DU	US-5,537,431	07-16-1996	Chen et al.	
	DV	US-5,545,886	08-13-1996	Metlitsky et al.	
	DW	US-5,565,689	10-15-1996	Liu	
MC	DX	US-5,572,006	11-05-1996	Wang et al.	

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		Number Kind Code <sup>2</sup> (if known)			
	DY	US-5,585,616	12-17-1996	Roxby et al.	
	DZ	US-5,591,955	01-07-1997	Laser	
	EA	US-5,591,956	01-07-1997	Longacre, Jr. et al.	
	EB	US-5,598,007	01-28-1997	Bunce et al.	
	EC	US-5,600,119	02-04-1997	Dvorkis et al.	
	ED	US-5,610,387	03-11-1997	Bard et al.	
	EE	US-5,612,524	03-18-1997	Sant' Anselmo et al.	
	EF	US-5,621,203	04-15-1997	Swartz et al.	
	EG	US-5,637,849	06-10-1997	Wang et al.	
	EH	US-5,638,465	06-10-1997	Sano et al.	
	EI	US-5,640,202	06-17-1997	Kondo et al.	
	EJ	US-5,663,549	09-02-1997	Katz et al.	
	EK	US-5,665,959	09-09-1997	Fossum et al.	
	EL	US-5,666,167	09-09-1997	Tufts, Juri	
	EM	US-5,668,803	09-16-1997	Tymes et al.	
	EN	US-5,672,858	09-30-1997	Li et al.	
	EO	US-5,698,833	12-16-1997	Skinger	
	EP	US-5,710,417	01-20-1998	Joseph et al.	
	EQ	US-5,723,823	03-03-1998	Bell	
	ER	US-5,723,853	03-03-1998	Longacre, Jr. et al.	
	ES	US-5,723,868	03-03-1998	Hammond, Jr. et al.	
	ET	US-5,726,435	03-10-1998	Hara et al.	
	EU	US-5,739,518	04-14-1998	Wang	
	EV	US-5,756,981	05-26-1998	Roustael et al.	
	EW	US-5,773,806	06-30-1998	Longacre, Jr.	
	EX	US-5,773,810	06-30-1998	Hussey et al.	
	EY	US-5,774,357	06-30-1998	Hoffberg et al.	
	EZ	US-5,780,834	07-14-1998	Havens et al.	
	FA	US-5,784,102	07-21-1998	Hussey et al.	
	FB	US-5,814,801	09-29-1998	Wang et al.	
	FC	US-5,814,803	09-29-1998	Olmstead et al.	
	FD	US-5,818,528	10-06-1998	Roth et al.	
	FE	US-5,825,006	10-20-1998	Longacre et al.	
	FF	US-5,831,254	11-03-1998	Karpen et al.	
	FG	US-5,831,674	11-03-1998	Ju et al.	
	FH	US-5,841,121	11-24-1998	Koenck	

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✓	FI	US-5,841,126		11-24-1998	Fossum et al.	
	FJ	US-5,867,594		02-02-1999	Cymbalski	
	FK	US-5,867,595		02-02-1999	Cymbalski	
	FL	US-5,875,108		02-23-1999	Hoffberg et al.	
	FM	US-5,877,487		03-02-1999	Tani et al.	
	FN	US-5,900,613		05-04-1999	Kozlowski et al.	
	FO	US-5,914,476		06-22-1999	Gerst, III et al.	
	FP	US-5,917,171		06-29-1999	Sasal	
	FQ	US-5,917,945		06-29-1999	Cymbalski	
	FR	US-5,920,477		07-06-1999	Hoffberg et al.	
	FS	US-5,926,214		07-20-1999	Denyer et al.	
	FT	US-5,929,418		07-27-1999	Ehrhart et al.	
	FU	US-5,932,862		08-03-1999	Hussey et al.	
	FV	US-5,942,741		08-24-1999	Longacre et al.	
	FW	US-5,948,052		09-07-1999	Longacre, Jr. et al.	
	FX	US-5,949,054		09-07-1999	Karpen et al.	
	FY	US-5,949,056		09-07-1999	White	
	FZ	US-5,965,863		10-12-1999	Parker et al.	
	GA	US-5,979,763		11-09-1999	Wang et al.	
	GB	US-5,979,768		11-09-1999	Koenck	
	GC	US-5,984,186		11-16-1999	Tafuya	
	GD	US-5,986,297		11-16-1999	Guidash et al.	
	GE	US-6,003,008		12-14-1999	Postrel et al.	
	GF	US-6,017,496		01-25-2000	Nova et al.	
	GG	US-6,053,407		04-25-2000	Wang et al.	
	GH	US-6,064,763		05-16-2000	Maltsev	
	GI	US-6,070,800		06-06-2000	Fujita et al.	
	GJ	US-6,082,619		07-04-2000	Ma et al.	
	GK	US-6,119,179		09-12-2000	Whitridge et al.	
	GL	US-6,123,264		09-26-2000	Li et al.	
	GM	US-6,129,278		10-10-2000	Wang et al.	
	GN	US-6,144,453		11-07-2000	Hallerman et al.	
	GO	US-6,155,491		12-05-2000	Dueker et al.	
	GP	US-6,161,760		12-19-2000	Marrs et al.	
✓	GQ	US-6,170,749 B1		01-09-2001	Goren et al.	
✓	GR	US-6,176,428		01-23-2001	Joseph et al.	

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AK	GS	US-6,178,429		01-23-2001	Reddersen et al.	
	GT	US-6,179,208		01-30-2001	Feng	
	GU	US-6,188,404		02-13-2001	Ehrhart et al.	
	GV	US-6,215,992 B1		04-10-2001	Howel et al.	
	GW	US-6,219,182		04-17-2001	McKinley	
	GX	US-6,264,105		07-24-2001	Longacre, Jr. et al.	
	GY	US-6,329,139 B1		12-11-2001	Nova et al.	
	GZ	US-6,347,183 B2		02-12-2002	Roustaei	
	HA	US-6,360,948		03-26-2002	Yang et al.	
	HB	US-6,385,352		05-07-2002	Roustaei	
	HC	US-6,398,112 B1		06-04-2002	Li et al.	
	HD	US-6,429,934		08-06-2002	Dunn et al.	
	HE	US-6,482,842 B1		10-08-2002	Hamilton	
	HF	US-6,486,911 B1		11-26-2002	Denyer et al.	
	HG	US-6,491,223 B1		12-10-2002	Longacre et al.	
	HH	US-6,493,029 B1		12-10-2002	Denyer et al.	
	HI	US-6,505,778 B1		01-14-2003	Reddersen et al.	
	HJ	US-6,508,404		01-21-2003	Hecht	
	HK	US-6,512,218		01-28-2003	Canini et al.	
	HL	US-6,525,827		02-25-2003	Liu	
	HM	US-6,547,139 B1		04-15-2003	Havens et al.	
	HN	US-6,547,142 B1		04-15-2003	Goren et al.	
	HO	US-6,552,323		04-22-2003	Guidash et al.	
	HP	US-6,552,746 B1		04-22-2003	Yang et al.	
	HQ	US-6,565,003		05-20-2003	Ma	
	HR	US-6,575,367		06-10-2003	Longacre Jr.	
	HS	US-6,585,159 B1		07-01-2003	Meier et al.	
	HT	US-6,598,797		07-29-2003	Lee	
	HU	US-6,606,171 B1		08-12-2003	Renk et al.	
	HV	US-6,634,558 B1		12-21-2003	Patel et al.	
	HW	US-6,637,658 B2		04-03-2003	Barber et al.	
	HX	US-6,655,595		12-02-2003	Longacre et al.	
	HY	US-6,661,521		12-09-2003	Stern	
	HZ	US-6,665,012 B1		12-16-2003	Yang et al.	
AK	IA	US-6,672,511		01-06-2004	Shellhammer	
	IB	US-6,678,412		01-13-2004	Shigekusa et al.	

Examiner  
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5-26-06

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Sheet	7	of	8
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**Complete if Known**

Application Number	10/775,983
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<b>Filing Date</b>	<b>February 10, 2004</b>
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First Named Inventor	Timothy P. Meier
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Art Unit	2876
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Examiner Name	Ahshik Kim
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**Attorney Docket Number** 283-400.01

U.S. PATENT DOCUMENTS						
Examiner	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
		Number Kind Code <sup>2</sup> (if known)				
ME	IC	US-6,685,095	02-03-2004	Roustaei et al.		
	ID	US-6,714,239	03-30-2002	Guidash		
	IE	US-6,722,569	04-20-2004	Ehrhart et al.		
	IF	US-6,729,546	05-04-2004	Roustaei		
	IG	US-6,732,929 B2	05-11-2004	Good et al.		
	IH	US-6,714,665 B1	03-30-2004	Hanna et al.		
	II	US-6,736,321 B2	05-18-2004	Tsikos et al.		
	IJ	US-6,739,511 B2	05-25-2005	Tsikos et al.		
	IK	US-6,742,707 B1	06-01-2004	Tsikos et al.		
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	IM	US-6,814,290 B2	11-09-2004	Longacre		
	IN	US-6,832,729 B1	12-21-2004	Perry et al.		
	IO	US-6,837,432 B2	01-04-2005	Tsikos et al.		
	IP	US-6,854,649 B2	02-15-2005	Womer et al.		
	IQ	US-6,857,570 B2	02-22-2005	Tsikos et al.		
	IR	US-6,858,159	02-22-2005	Lyons		
	IS	US-6,860,428	03-01-2005	Dowling et al.		
	IT	US-6,863,216	03-08-2005	Tsikos et al.		
	X ME	IU	US-2002/0135683 A1	09-26-2002	Tamama et al.	
		IV	US-2002/0158127	10-31-2002	Hori et al.	
IW		US-2003/0062418 A1	10-28-2003	Barber et al.		
IX		US-2004/0195332 A1	10-07-2004	Barber et al.		
IY		US-2004/0256465 A1	12-23-2004	Longacre et al.		
IZ		US-2004/0262392 A1	12-30-2004	Longacre et al.		
JA		US-2005/0056699	03-17-2005	Meler et al.		
JB		US-2005/0103851	05-19-2005	Zhu et al.		

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Sheet

8

of

8

### Complete if Known

Application Number 10/775,983

Filing Date February 10, 2004

First Named Inventor Timothy P. Meier

Art Unit 2876

Examiner Name Ahshik Kim

Attorney Docket Number 283-400.01

### FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>2</sup>
		Country Code <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				
JC	JC	WO	93/04442		03-04-1993	United Parcel Service of America, Inc.		EN
JD	JD	WO	93/14458		07-22-1993	Eastman Kodak Company		EN
JE	JE	WO	93/17397		09-02-1993	Roustael, Alex		EN
JF	JF	WO	93/18478		09-18-1993	Norand Corporation		EN
JG	JG	WO	95/32580		11-30-1995	Polaroid Corporation		EN

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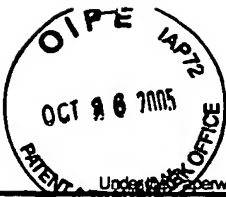
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Sheet 1

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2

### Complete If Known

Application Number	10/775,983
Filing Date	February 10, 2004
First Named Inventor	Timothy P. Meier
Art Unit	2876
Examiner Name	Ahshik Kim
Attorney Docket Number	283-400.01

### U.S. PATENT DOCUMENTS

Examiner	Cite No. <sup>1</sup>	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			
me	AA	US-5,399,852		03-21-1995	Zheng et al.	
	AB	US-5,517,018		05-14-1998	Zheng et al.	
	AC	US-5,567,934		10-22-1998	Zheng et al.	
	AD	US-5,702,059		12-30-1997	Chu et al.	
	AE	US-5,703,349		12-30-1997	Meyerson et al.	
	AF	US-5,763,864		08-08-1998	O'Hagan et al.	
	AG	US-5,783,811		07-21-1998	Feng et al.	
	AH	US-5,811,774		09-22-1998	Ju et al. -	
	AI	US-5,811,784		09-22-1998	Tausch et al.	
	AJ	US-5,815,200		09-29-1998	Ju et al.	
	AK	US-5,818,028		10-08-1998	Meyerson et al.	
	AL	US-6,019,286		02-01-2000	Li et al.	
	AM	US-6,152,368		11-28-2000	Olmstead et al.	
	AN	US-6,155,488		12-05-2000	Olmstead et al.	
	AO	US-6,173,884 B1		01-18-2001	Olmstead et al.	
	AP	US-6,230,975 B1		05-15-2001	Colley et al.	
	AQ	US-6,276,605 B1		08-21-2001	Olmstead et al.	
	AR	US-6,311,895 B1		11-08-2001	Olmstead et al.	
	AS	US-2002/0039089 A1		04-04-2002	Harper	
	AT	US-2002/0039457 A1		04-04-2002	Helms et al.	
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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)				Application Number	10/775,983
				Filing Date	February 10, 2004
				First Named Inventor	Timothy P. Meier
				Art Unit	2876
				Examiner Name	Ahshik Kim
Sheet	2	of	2	Attorney Docket Number	283-400.01

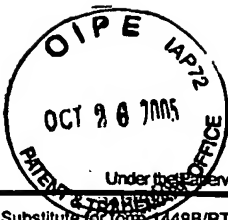
FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				
AK	AU	WO	94/19766		09-01-1994	United Parcel Service of America, Inc.		EN
	AV	CA	2,158,153	A1	09-01-1994	United Parcel Service of America, Inc.		EN
	AW	CA	2,190,189	A1	09-01-1994	United Parcel Service of America, Inc.		EN
	AX	CA	2,190,190	A1	09-01-1994	United Parcel Service of America, Inc.		EN
	AY	JP.	08-506678		07-18-1998			FT
	AZ	WO	97/01828		01-16-1997	Meta Holding Corporation		EN
	BA	WO	97/08847		03-08-1997	PSC, Inc.		EN
	BB	WO	97/15024		04-24-1997	Meta Holding Corporation		EN
	BC	EP	97/15024		04-24-1997	Meta Holding Corporation		EN
	BD	CA	02234817	A1	04-24-1997	Meta Holding Corporation		EN
	BE	AU	701057		05-07-1997	Meta Holding Corporation		EN
	BF	GB	2 308 267 (Abstract Only)	A	08-18-1997	PSC Inc.		EN
	BG	JP	10-508133		08-04-1998			FT
	BH	JP	2895236		03-05-1999			
	BI	CN	1204411	A	08-01-1999			
	BJ	ES	2 134 933	T3	10-16-1999	United Parcel Service of America, Inc.		
	BK	DE	694 18 598	T2	11-18-1999	United Parcel Service of America, Inc.		
	BL	DK/EP	0685092	T3	11-22-1999	United Parcel Service of America, Inc.		
	BM	JP	11-515124		12-21-1999			
✓	BN	GB	2 343 079	A	04-26-2000	PSC, Inc.		EN
AK	BO	GB	2 344 488	A	08-07-2000	PSC, Inc.		EN

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		Application Number	10/775,983		
		Filing Date	February 10, 2004		
		First Named Inventor	Timothy P. Meier		
		Art Unit	2876		
		Examiner Name	Ahshik Kim		
Sheet	1	of	1	Attorney Docket Number	283-400.01

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
AK	BP	INTERNATIONAL SEARCHING AUTHORITY, International Search Report and Written Opinion, Mailed September 7, 2005. (20 pgs.)	

Examiner Signature	A. Kim	Date Considered	5-26-06
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